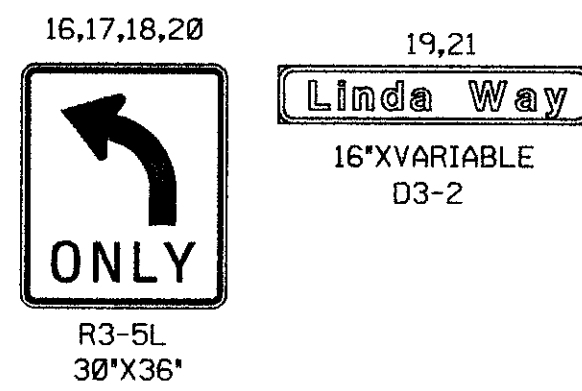
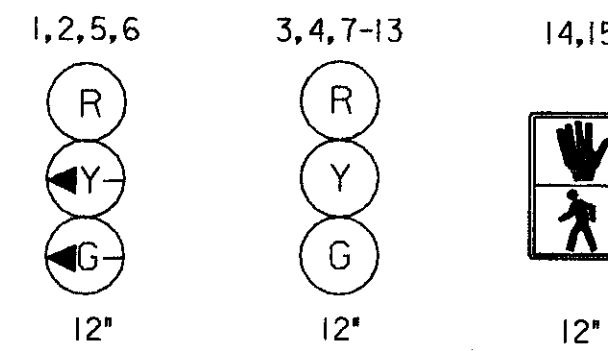


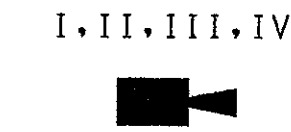
### EXISTING SIGNS



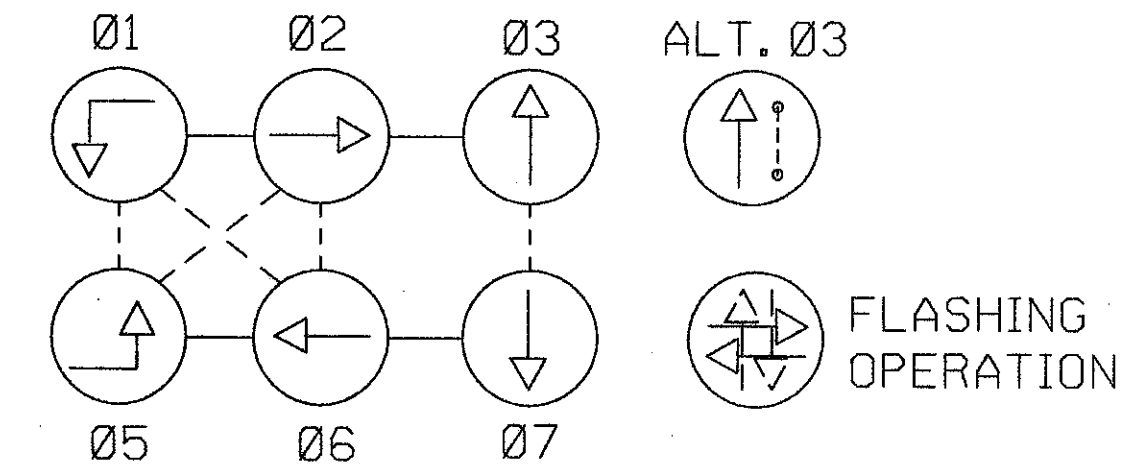
### EXISTING SIGNALS



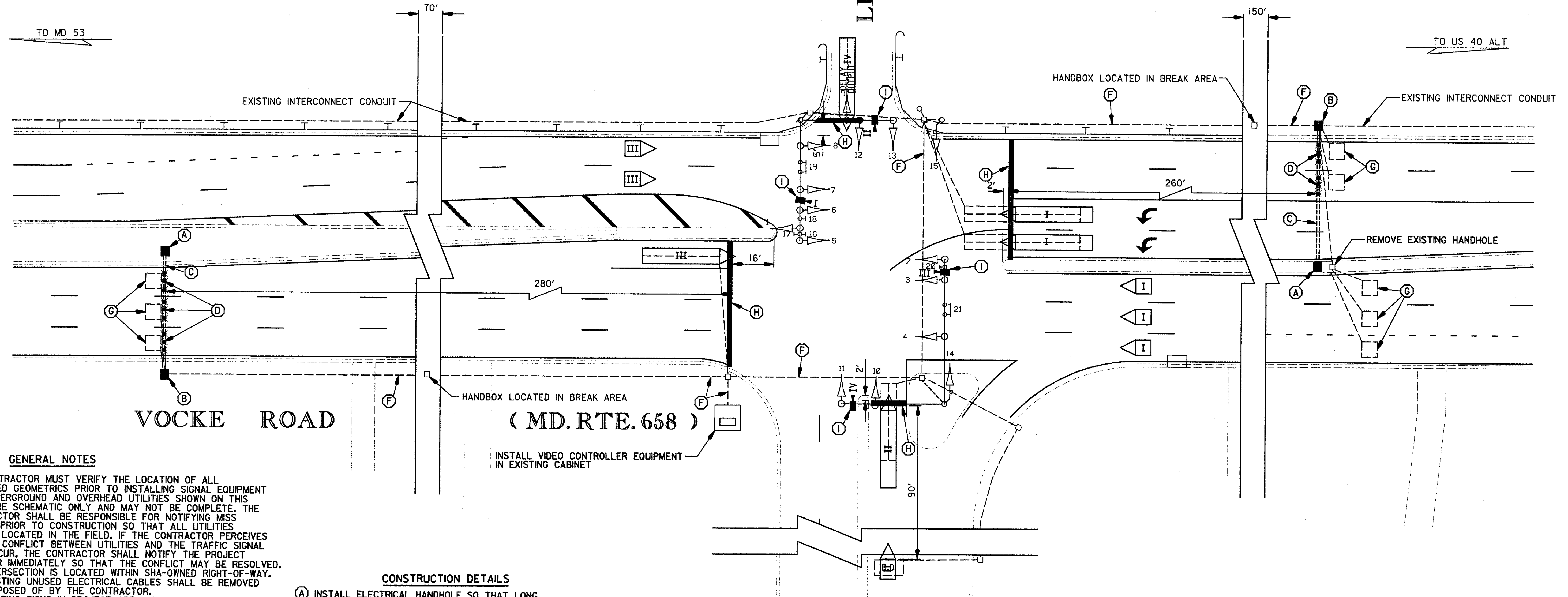
### PROPOSED VIDEO DETECTION



### NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



### GENERAL NOTES

1. THE CONTRACTOR MUST VERIFY THE LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
2. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THIS PLAN ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.
3. THE INTERSECTION IS LOCATED WITHIN SHA-OWNED RIGHT-OF-WAY.
4. ALL EXISTING UNUSED ELECTRICAL CABLES SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
5. ALL EXISTING SIGNS IN PROJECT AREA SHALL REMAIN.
6. SIGNAL HEADS AND MAST ARMS HAVE BEEN DESIGNED AND DIMENSIONED SO THAT PROPER MINIMUM DISTANCES ARE MAINTAINED TO OVERHEAD UTILITY LINES. CONTRACTOR SHALL ENSURE THAT ALL PROPOSED SIGNAL EQUIPMENT STAYS A MINIMUM OF 10 FT FROM PRIMARY POWER LINES, AND 4 FT FROM SECONDARY POWER LINES.
7. ALL EQUIPMENT TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF.

### CONSTRUCTION DETAILS

- A. INSTALL ELECTRICAL HANDHOLE SO THAT LONG DIMENSION OF HANDHOLE SHALL BE PARALLEL TO SLOTTED CONDUIT, TO FACILITATE INSTALLATION OF NON-INVASIVE LOOPS..
- B. RESET EXISTING ELECTRICAL HANDHOLE SO THAT LONG DIMENSION OF HANDHOLE SHALL BE PARALLEL TO SLOTTED CONDUIT, TO FACILITATE INSTALLATION OF NON-INVASIVE LOOPS.
- C. INSTALL 3" SCHEDULE 80 PVC CONDUIT, SLOTTED PRIOR TO FINAL OVERLAY.
- D. INSTALL NON-INVASIVE LOOP DETECTOR IN CONDUIT, IN THROUGH TRAVEL LANES ONLY.
- E. REMOVE EXISTING 2-CONDUCTOR (ALUMINUM SHIELDED) CABLE AND EXTEND NON-INVASIVE DETECTOR LEAD-IN CABLE THROUGH EXISTING CONDUIT.
- F. EXISTING 6' X 6' VEHICLE DETECTOR TO BE DESTROYED DURING MILLING OPERATIONS.
- G. INSTALL 24 INCH STOP LINE AS DIMENSIONED ON PLAN.
- H. INSTALL VIDEO DETECTION CAMERA.

### UTILITY LEGEND

—G—	G	GAS MAIN
—W—	W	WATER MAIN
—S—	S	SEWER MAIN
—D—	D	STORM DRAIN
—TV—	TV	CABLE TELEVISION
—E—	E	ELECTRIC CABLES
—T—	T	TELEPHONE CABLES
—A—	A	AERIAL CABLES
—FO—	FO	AERIAL CABLES

REVISION B CONSULTANT

**WALLACE, MONTGOMERY & ASSOCIATES, LLP**  
CIVIL AND STRUCTURAL ENGINEERS  
110 West Road  
Suite 300  
Towson, Maryland 21204

REVISIONS	APPROVALS
1. Install non-invasive loops and video detection.	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
2. MJA 6/20/04	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
3. Installed existing loop turn from MD 658 EB	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
4. 10/1/08	DIRECTOR, TRAFFIC & SAFETY

**MARYLAND DOT - STATE HIGHWAY ADMINISTRATION**  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 658 (VOCKE ROAD) & LINDA WAY

DRAWN BY: JWG	F.A.P. NO.	TS NO.	SHEET NO. 24 OF 37
CHECKED BY: BLD	S.H.A. NO.	1760 B	
SCALE: 1"=20'	COUNTY: ALLEGANY	T.J.M.S. NO.	
DATE: 11-3-79	LOG MILE:	G187	